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| Form PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>33356US1                | SERIAL NO.<br>10/080,730 |
| INFORMATION DISCLOSURE CITATION<br>BY APPLICANT<br>(USE SEVERAL SHEETS IF NECESSARY) |  | APPLICANT:<br>Labros S. Petropoulos, et al. |                          |
|  |  | FILING DATE:<br>February 22, 2002           | GROUP ART UNIT:<br>2859  |

### U.S. PATENT DOCUMENTS

| Examiner Initial |   | Document No. | Date    | Name           | Class | Subclass | Filing Date If Appropriate |
|------------------|---|--------------|---------|----------------|-------|----------|----------------------------|
| TAF              | A | 4,926,125    | 5/1990  | Roemer         | 324   | 318      |                            |
| TAF              | B | 5,036,282    | 7/1991  | Morich, et al. | 324   | 318      |                            |
| TAF              | C | 5,581,187    | 12/1996 | Pausch         | 324   | 318      |                            |
| TAF              | D | 5,977,771    | 11/1999 | Petropoulos    | 324   | 318      |                            |
| TAF              | E | 6,144,204    | 11/2000 | Sementchenko   | 324   | 318      |                            |
| TAF              | F | 6,154,110    | 11/2000 | Takeshima      | 324   | 318      |                            |
|                  | G |              |         |                |       |          |                            |
|                  | H |              |         |                |       |          |                            |
|                  | I |              |         |                |       |          |                            |

### FOREIGN PATENT DOCUMENTS

|  |   | Document No. | Date | Country | Class | Subclass | Translation |
|--|---|--------------|------|---------|-------|----------|-------------|
|  | J |              |      |         |       |          |             |
|  | K |              |      |         |       |          |             |
|  | L |              |      |         |       |          |             |

### OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|     |   |  |
|-----|---|--|
| TAF | M | Z.H. Cho and J.H. Yi, "Planar Surface Gradient Coil" Concepts in Magnetic Resonance, 1995, Vol. 7(2), Pages 95-114.  |
| TAF | N | Labros S. Petropoulos, "Phased Array Planar Gradient Sets for MRI systems with Vertical directed fields.", 2000, Proc. Intl. Soc. Mag. Reson. Med. 8 (2000), Page 333.                             |
| TAF | O | L.S. Petropoulos, J.L. Patrick, M.A. Morich, R.W. Brown, M.R. Thompson, "Actively Shielded Orthogonal Gradient Coils for Wrist Imaging", Dated: At least as early as February 21, 2002, Page 1309. |
| TAF | P | L.S. Petropoulos, "Actively Shielded Biplanar Gradient Set for Open Magnet Geometries with Vertically Directed Fields.", Dated: At least as early as February 21, 2002, Page 942.                  |

Examiner:

Tiffany A. Tegen

Date Considered

April 4, 2003

\*Examiner:

Initial if reference considered, regardless of whether citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.